



PMS-PKS/PMW-PKW

PMW/0N-1HAN

Ind.M12,NPN-NO+NC,M12 plug,Sch-STD

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	2mm
Operanting distance	0...1,62mm
Standard target	12x12mm FE360
Correction Factor	copper: 0,02 / aluminium: 0,08 / brass: 0,20 / stainless steel: 0,68
Thermal drift of Sr	< 10%
Repeat Accuracy	< 5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%

Application

Description	M12 standard flush mount
Functions	Proximity

Outputs	
Output type	NPN
Output Function	NO + NC
Switching frequency	2kHz
Electrical data	
Operating Voltage	10...30Vdc
No-Load supply current	$\leq 15\text{mA}$
Load current	$\leq 100\text{mA}$
Leakage current	$\leq 10\mu\text{A}$
Output voltage drop	$\leq 2\text{V @}100\text{mA}$
Max ripple content	$\leq 10\%$
LED indicators	Yellow LED output state
Time delay before availability	$\leq 50\text{ms}$
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Impulsive Overvoltage Protection	Yes
Mechanical data	
Mounting	Shielded
Material	AISI303 Stainless Steel

Housing material	AISI303 Stainless Steel
Connections	M12 Plug
Active Head Material	PPS
Tightening torque	20Nm
Diameter/Dimension	M12

Test/Approvals

Approvals	CE II 3G Ex nA IIC T6 Gc II 3D Ex tc IIIB T85°C Dc
EMC compatibility	IEC 60947-5-2
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27

Accessories

Supplied Accessories	2 nuts M12x1
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Generical Data

Dimensions	M12 x 1 / L =64,6mm
Operating Temperature	-25°C...+70°C
Mechanical Protection	IP67

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